



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5853

|                             |  |              |                        |                                       |
|-----------------------------|--|--------------|------------------------|---------------------------------------|
| SERIAL NUMBER<br>10/828,888 | FILING OR 371(c)<br>DATE<br>04/21/2004<br>RULE | CLASS<br>360 | GROUP ART UNIT<br>2627 | ATTORNEY<br>DOCKET NO.<br>HTIRC03-014 |
|-----------------------------|--|--------------|------------------------|---------------------------------------|

## APPLICANTS

Lijie Guan, Milpitas, CA;  
 Yaw Shing Tang, Saratoga, CA;  
 Hung Liang Hu, Los Altos, CA;

## \*\* CONTINUING DATA \*\*\*\*\*

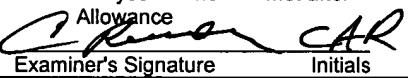
None

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

None

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 06/26/2004

|  |                        |                        |                    |                         |
|--|------------------------|------------------------|--------------------|-------------------------|
| Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no   | STATE OR COUNTRY<br>CA | SHEETS<br>DRAWING<br>4 | TOTAL CLAIMS<br>30 | INDEPENDENT CLAIMS<br>2 |
| 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met<br>Allowance  |                        |                        |                    |                         |
| Verified and Acknowledged<br>Examiner's Signature  Initials  |                        |                        |                    |                         |

## ADDRESS

STEPHEN B. ACKERMAN  
 28 DAVIS AVENUE  
 POUGHKEEPSIE, NY12603

## TITLE

Four sided shield structure for a perpendicular write head

|                            |   |   |
|----------------------------|---|---|
| FILING FEE RECEIVED<br>950 | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other<br><input type="checkbox"/> Credit |
|----------------------------|---|---|